

CLAIMS:

1. A cigarette comprising a tobacco rod, a cigarette paper/wrapper for the tobacco rod, and optionally a filter, wherein at least one of the tobacco rod, the cigarette paper/wrapper and the filter comprise ceria/zirconia fibres.
2. The cigarette of claim 1, wherein the ceria/zirconia fibres are porous.
3. The cigarette of claim 1, wherein the ceria/zirconia fibres have a surface area in the range of about 1 to about 200 m²/g.
4. The cigarette of claim 1, wherein the ceria/zirconia fibres have a surface area less than about 1 m²/g.
- 15 5. The cigarette of claim 1, wherein the cigarette paper/wrapper comprises porous ceria/zirconia fibres.
6. The cigarette of claim 1, wherein the cigarette paper/wrapper comprises ceria/zirconia fibres having a surface area greater than about 20 m²/g.
- 20 7. The cigarette of claim 5 or 6, wherein the cigarette paper/wrapper reduces sidestream smoke, the cigarette paper/wrapper comprising a sidestream smoke reducing composition and the ceria/zirconia fibres.
- 25 8. The cigarette of any one of claims 1, 2, 3, 5, 6 and 7, wherein the ceria/zirconia fibres are made by fiberizing an aqueous solution of a zirconium compound, ceria and a crystalline, colloidal zirconia sol; and heating the ceria/zirconia fibres to a temperature less than about 1100°C.
- 30 9. The cigarette of any one of claims 1 to 8, wherein the ceria/zirconia fibres comprise up to about 50% by weight ceria.

10. The cigarette of any one of claims 1 to 9, wherein the tobacco rod comprises about 1 to about 15% by weight of the ceria/zirconia fibres.

11. The cigarette of any one of claims 1 to 10 comprises the filter.

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12. The cigarette of claim 11, wherein the filter comprises the ceria/zirconia fibres.

13. The cigarette of claim 12, wherein a cavity defined in the filter

10 comprises the ceria/zirconia fibres.

14. The cigarette of claim 12 or 13, wherein the filter comprises the ceria/zirconia fibres and conventional fibres.

15 15. The cigarette of any one of claims 1 to 6, wherein the cigarette paper(wrapper comprises the ceria/zirconia fibres and conventional cigarette paper(wrapper fibres.

16. The cigarette of any one of claims 1 to 6, wherein the cigarette paper(wrapper comprises up to 65% by weight of the ceria/zirconia fibres and at least 35% by weight of a conventional cigarette paper(wrapper filler and/or conventional cigarette paper(wrapper fibres.

17. The cigarette of claim 16, wherein the cigarette paper(wrapper comprises about 30 to about 40% by weight of the ceria/zirconia fibres, about 30 to about 40% by weight of the conventional cigarette paper(wrapper fibres and about 20 to about 40% by weight of the conventional cigarette paper(wrapper filler.

30 18. The cigarette of claim 15, 16 or 17, wherein the conventional cigarette paper(wrapper fibres are cellulosic fibres.

19. The cigarette of claim 16 or 17, wherein the conventional cigarette paper/wrapper filler is selected from the group consisting of a ceramic, a clay, a binder and a sheet reinforcement material.

5 20. The cigarette of any one of claims 1 to 19 further comprising a conventional cigarette paper between the tobacco rod and the cigarette paper/wrapper.